



PERISAI

Lewek Swift

AHTS / FIFI 1 / 12,240 BHP / DP 1

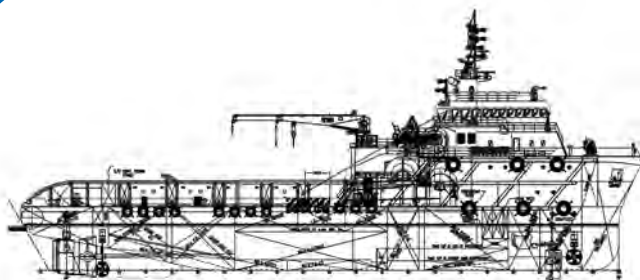


Lewek Swift is an Anchor Handling Tug & Supply Vessel built:

- 1) For Worldwide Operations to Service and Tow Drilling Units;
- 2) To Provide Logistics Support for Oil & Gas Production Platforms;
- 3) With Special Equipment for Fire-Fighting, Safety Standby Operations, Emergency Evacuations and Seismic Services.

Specifications:

• Length	70.7 m
• Breadth	16.0 m
• Propulsion	12,240 BHP
• Deck Area	500.0 m ²
• Bollard Pull	180 T
• AH / Towing Winch	380 T Pull / 500 T Brake
• Accommodation	36 men



Classification

Lloyd's Register of Shipping

* 100A1, Offshore Supply Ship, Fire-Fighting Ship 1 (2,400 m³/hr) with Water Spray, DP(AM) * LMC

Builder Pan-United Marine, Singapore
Year Built 2005
Flag Malaysia

Measurement

Length Overall 70.7 m
Length BP 63.0 m
Breadth Moulded 16.0 m
Depth Moulded 7.2 m
Draft (Max) 6.0 m

Tonnage

Deadweight 2,464 T
GRT 2,569 T
NRT 770 T

Maneuvering & Propulsion System

Main Engine 2 x MAK 9M32C, 6,120 BHP each
Total BHP 12,240 BHP
Propeller 2 x CPP, Kamewa 94 P1 / 4T
Retractable Azimuth Thruster 1 x Aquamaster UL911FP, 725 kW, 12.0 T Thrust
Bow Thruster 1 x 590 kW, 9.4 T Thrust
Stern Thruster 1 x 590 kW, 9.4 T Thrust
Bollard Pull 180 T @ 100% MCR

Dynamic Positioning System

DP-1 System Alstom Simplex DP System

Electrical Power Generation

Main Generator 2 x CAT 3412 rated 580kW / 440V / 60Hz / 3Ph
Alternator 2 x Leroy Somer LSAM 49.1M6 rated 1,800kW / 440V / 60Hz / 3Ph
Emergency Generator 1 x CAT 3056 DIT rated 95kW / 440V / 60Hz / 3Ph

Cargo Deck

Deck Area 500.0 m²
Deck Strength 5.5 T/m²
Deck Cargo Capacity 800 T

Storage Capacity

Fuel Oil 960.0 m³
Portable Water 680.0 m³
Drill Water / SWB 668.0 m³
Liquid Mud / Base Oil / Brine 511.7 m³ (2 Tanks)
Dry Bulk 285.0 m³ (4 x 2,500 ft³)
Chain Locker 220.2 m³
Foam / Detergent 11.7 m³ / 12.2 m³

Discharge Capacity

Fuel Oil 1 x 120 m³/hr @ 80 m head
Portable Water 1 x 120 m³/hr @ 80 m head
Drill Water 1 x 120 m³/hr @ 80 m head
Liquid Mud / Base Oil 2 x 100 m³/hr @ 80 m head
Brine 1 x 120 m³/hr @ 80 m head
Dry Bulk 1 x 80 m³/hr @ 80 m head

Accommodation

Berth / Cabin 6 x 1 man
 9 x 2 men
 3 x 4 men
Total 36 men

Deck Equipment

Anchor Windlass 1 x 18 T, Brattvaag
Anchor Chain 2 x 522.5 m x 46 mm (ø)
Anchor (Bow) 3 x 2,280 kg Stockless Bower Anchors
Tugger Winch 2 x 25 T @ 17 m/min, Brattvaag
Capstan 2 x 10 T @ 19 m/min, Brattvaag
Deck Crane 1 x TTS Marine, GPT 150-10-15
 SWL: 10 T @ 8 m; 5 T @ 15 m

Towing & Anchor Handling Equipment

AH Winch 500 T Brake, 380 T Pull
 Brattvaag Double Drum Hydraulic Driven, Waterfall type
 Drum Capacity 3,500 m x 76 mm (ø)
Chain Gypsy 2 x 76 mm (ø), 2 x 84 mm (ø), Non-Declutchable
Towing Brake 500 T Brake, 380 T Pull
 Brattvaag Double Drum Hydraulic Driven, Waterfall type
 Drum Capacity 3,500 m x 76 mm (ø)
Storage / Secondary Winch Drum Capacity 3,500 m x 76 mm (ø)
Karm Fork 2 x Karm Fork, SWL: 650 T
Tow Pin 2 x Tow Pin, SWL: 650 T
Stern Roller 5.0 m x 2.5 m (ø), SWL: 500 T

Navigation and Communication Equipment

GMDSS (Area 3) Furuno RC-1800 T
VHF DSC 2 x Furuno FM-8500
MF / HF SSB 1 x Furuno FS-2570
MF / HF DSC 1 x Furuno FS-2570
EPIRB 1 x McMurdo E5
SART 2 x McMurdo S4
Navtex Receiver 1 x Furuno NX-500
Portable GMDSS VHF 3 x McMurdo R2
Inmarsat 2 x Furuno Felcom 15
Radar 1 x Furuno FR-1505 MK3
 1 x Furuno FR-2115
Gyrocompass 3 x Raytheon Anschutz Std 22
Magnetic Compass 1 x Cassens & Plath Reflecta 1
Auto Pilot 1 x Raytheon Anschutz PilotStar D
DGPS 2 x Furuno GP-90
Joystick Alstom Independent Joystick Fitted
Echo Sounder 1 x Furuno FE-700
Speed Log 1 x Furuno DS-80
Anemometer 2 x RM Young
AIS 1 x Furuno FA-100

Fire-Fighting & Anti Pollution Equipment

FIFI Class (1) with Water Spray Pump 1 x 3,200 m³/hr @ 150 m head
Monitor (water / foam) 2 x 1,200 m³/hr / 300 m³/hr @ 12 bar
Oil Dispersant System 2 x 6 m Spray Boom

Safety Equipment

Life Raft 6 x 20 persons, Surviva RFD
Rescue Boat 1 x 6 persons, Maritime Partner Weedo 17 FRC, Mercury 40HP
Davit NDM PRHE 35, SWL: 3.5 T

Miscellaneous

Oily Water Separator 1 x RWO SKIT/S-DEB, 1.0 m³/hr
Sewage Treatment 1 x 40 persons, Hamworthy Super Trident ST4A

* This vessel specification is given in good faith and assumed to be accurate at the time of print.

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